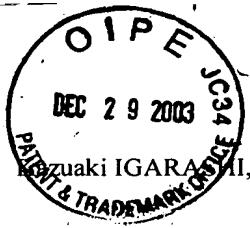


Docket No. 218262US0
IN RE APPLICATION OF: Katsuaki IGARASHI, et al.
SERIAL NO: 10/053,550
FILED: January 24, 2002
FOR: PRODUCTION PROCESS OF GLUCOSE-1-PHOSPHATE



COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an Amendment and Request for Reconsideration in the above-identified application.

No additional fee is required
 Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
 Additional documents filed herewith: Request for Extension of Time - One Month
Information Disclosure Statement
Form PTO 1449
Cited References - 3

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	19	MINUS	20	0	x \$18 =	\$0.00
INDEPENDENT	1	MINUS	3	0	x \$86 =	\$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS					+ \$290 =	\$0.00
TOTAL OF ABOVE CALCULATIONS						\$0.00
<input type="checkbox"/> Reduction by 50% for filing by Small Entity						\$0.00
<input type="checkbox"/> Recordation of Assignment					+ \$40 =	\$0.00
						TOTAL \$0.00

A check in the amount of \$290.00 is attached.
 Credit card payment form is attached to cover the fees in the amount of \$0.00
 Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
 If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Norman F. Oblon
Registration No. 24,618

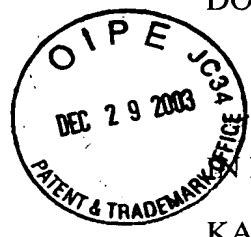
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Vincent K. Shier, Ph.D.
Registration No. 50,552

DOCKET NO: 218262US0



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

RE APPLICATION OF

KAZUAKI IGARASHI, ET AL.

: EXAMINER: PRATS, F. C.

SERIAL NO: 10/053,550

:

FILED: JANUARY 24, 2002

: GROUP ART UNIT: 1651

FOR: PRODUCTION PROCESS OF GLUCOSE-1-PHOSPHATE:

AMENDMENT AND REQUEST FOR RECONSIDERATION

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated August 28, 2003, please amend the above-identified application as follows:

Amendments to the Specification begins on page 2 of this response.

Amendments to the Claims begins on page 3 of this response.

Support for the Amendments begins on page 6 of this response.

Remarks begin on page 7 of this response.